PTO/SB/66 (03-09) Approved for use through 03/31/2012. OMB 0651-0016 U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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PETITION TO ACCEPT UNINTENTIONALLY DELAYED PAYMENT OF MAINTENANCE FEE IN AN EXPIRED PATENT (37 CFR 1.378 (c))

Docket Number (Optional)

CSDL1-490XX

2 4 2012

il to: Mail Stop Petition

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Fax: (571) 273-8300

00000012 5952574 02/29/2012 DALLEN

01 FC:1599

6478.89 OP

OTE: If information or assistance is needed in completing this form, please contact Petitions Information at (571) 272-3282.

| Patent No. | 5952574 | Application I | Number 08/841,224 | | _ | | |
|---------------------------------------|---|--|--------------------------------------|-------------|------------|--|--|
| Issue Date | 09/14/1999 | Filing Date | 04/29/1997 | | | | |
| | Maintenance fee (and surcharge, if any) preissue patent number, if a reissue) and (a reissue application) leading to issuance of correct patent. 37 CFR 1.366(c) and (d). | 2) the application num | ber of the actual U.S. application (| or ne | | | |
| Also compl | ete the following information, if applica | ble | | 2012 FEB | | | |
| The above - | - identified patent | | | FER | 三方 | | |
| | Is a reissue of original Patent No. | | original issue date | | c | | |
| | original application number | | | PM | 2.1 | | |
| | original filing date | | _ | بب | | | |
| | resulted from the entry into the U.S. under 35 U.S.C. 371 of international application | | | | | | |
| | filed on | | | | | | |
| | CERTIFICATE O | F MAILING (37 CFR 1 | l.89(a)) | | \neg $ $ | | |
| United States P Mail Stop Petition | that this paper (*along with any paper refe lostal Service on the date shown below wit on, Commissioner for Patents, P.O. Box 14 I Trademark Office on the date shown belo | th sufficient postage a: 450, Alexandria, VA 2 | s first class main in an envelope ac | ddressed to | | | |

2/1/2012

Date

Michelle R. Kearns

Typed or Printed Name of Person Signing Certificate

04/19/2012 GARIAS 000000003 5952574

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[page 1 of 3]

This colectibe at 500 rmation is required by 37 CFR 1996(8). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

믕

| 1. SMALL ENTITY | | | | | | | |
|--|---|--------|---------------|-------------------|---------|--|--|
| Paten | Patentee claims, or has previously claimed, small entity status. See 37 CFR 1.27. | | | | | | |
| 2. LOSS OF ENTITLEMENT TO SMALL ENTITY STATUS | | | | | | | |
| Patentee is no longer entitled to small entity status. See 37 CFR 1.27(g) | | | | | | | |
| _ | 3. MAINTENANCE FEE (37 CFR 1.20(e)-(g)) | | | | | | |
| The appropriate maintenance fee must be submitted with this petition, unless it was paid earlier. | | | | | | | |
| NOT Small Entity | | | Small Entity | | | | |
| Amount | Fee | (Code) | Amount | Fee | (Code) | | |
| \$ | 3 1/2 yr fee | (1551) | \$ | 3 ½ yr fee | (2551) | | |
| \$ | 7 ½ yr fee | (1552) | \$ | 7 ½ yr fee | (2552) | | |
| \$ <u>4730.00</u> | 11 ½ yr fee | (1553) | \$ | 11 ½ yr fee | (2553) | | |
| | | | MAINTENANCE F | EE BEING SUBMITTE | 4730.00 | | |
| 4. SURCHARGE The surcharge required by 37 CFR 1.20(i)(2) of \$ 1640.00 (Fee Code 1558) must be paid as a condition of accepting unintentionally delayed payment of a maintenance fee. SURCHARGE FEE BEING SUBMITTED \$ 1640.00 | | | | | | | |
| 5. MANNER OF PAYMENT Enclosed is a check for the sum of \$ 6470.00 | | | | | | | |
| Please charge Deposit Account No the sum of \$ | | | | | | | |
| Payment by credit card. Form PTO-2038 is attached. | | | | | | | |
| 6. AUTHORIZATION TO CHARGE ANY FEE DEFICIENCY | | | | | | | |
| The Director is hereby authorized to charge any maintenance fee, surcharge or petition deficiency to Deposit Account No. | | | | | | | |
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| 7. OVERPAYMENT | | | | | | | |
|---|---|---|--|--|--|--|--|
| As to any overpayment made please | | | | | | | |
| OR | Credit to Deposit Account No | | | | | | |
| | ✓ Send refund check | | | | | | |
| WARNING: Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identify theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. | | | | | | | |
| 8. STAT | TEMENT | | | | | | |
| | The delay in payment of the maintenance fee to the | is patent was unintentional. | | | | | |
| PATE | Signature(s) of Petitioner(s) ENERGY REQUEST THAT THE DELAYED PAY Signature(s) of Petitioner(s) Elle R. Kearns Typed or printed name(s) | MENT OF THE MAINTENANCE FEE BE ACCEPTED AND THE 2/1/2012 Date 64,773 Registration Number, if applicable | | | | | |
| (617) | 258-3690 | | | | | | |
| | Telephone Number | | | | | | |
| Charle | es Stark Draper Laboratories | | | | | | |
| ÷ . | , A | Address | | | | | |
| ÷ 555 T | echnology Square Cambridge MA 02139 | | | | | | |
| Address | | | | | | | |
| 37 CFR 1.378(d) states: "Any petition under this section must be signed by an attorney or agent registered to practice before the Patent and Trademark Office, or by the patentee, the assignee, or other party in interest." ENCLOSURES Maintenance Fee Payment Surcharge under 37 CFR 1.20(i)(2) (fee for filing the maintenance fee petition) | | | | | | | |